

IN THE CLAIMS:

1-8. (Canceled)

9. (Currently Amended) A method for predicting the onset of at least one nitric oxide-related negative influence in a human patient, said method comprising:

providing an electronic device;

measuring a concentration level of at least one breath gas exhaled by the patient over a period of time;

comparing the ~~said~~ measured concentration levels with a predetermined concentration profile indicative of an onset of at least one selected nitric oxide-related negative influence; and

wherein said at least one selected nitric oxide-related negative influence is associated with an intravascular hemoglobin-dependent decrease in nitric oxide bioavailability, wherein said step of comparing is carried out by the electronic device.

10. (Currently Amended) The method of claim 9 wherein said nitric oxide-related negative influence includes nitric oxide-related negative influences of hemolysis in a human patient and nitric oxide-related negative influences of chronic hereditary hemolytic disease in a human patient.

11. (Currently Amended) The method of claim 10 wherein said one or more nitric oxide-related negative influences of chronic hereditary hemolytic disease include one or more pathologies from a set of pathologies including pulmonary hypertension, cutaneous ulceration, renal failure, thrombotic thrombocytopenic purpura, and malaria.

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12-18. (Canceled)